

Converting Colors

XYZ(21.4243, 26.7772, 24.8082)

Have a look what the booklet for
XYZ(21.4243, 26.7772, 24.8082)
contains.

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Color

**XYZ(21.4243, 26.7772,
24.8082)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9681
RGB	111, 150, 129
RGB Percent	44%, 59%, 51%
CMY	0.5647, 0.4118, 0.4941
CMYK	0.26, 0.00, 0.14, 0.41
HSL	148°, 16%, 51%
HSV	148°, 26%, 59%
XYZ	21.4243, 26.7772, 24.8082
YIQ	135.9450, -16.5030, -14.7990

Conversions

Conversions Part 2

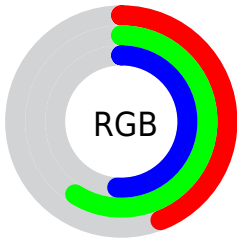
Format	Color
RYB	111, 138, 150
Decimal	7313025
CIELab	58.77, -17.98, 6.76
CIELCh	59, 19.207, 159.408
Yxy	26.7772, 0.2934, 0.3668
Android (android.graphics.Color)	4285503105 (0xFF6F9681)
YUV	135.9450, -3.4239, -21.8768
Hunter-Lab	51.7467, -16.6537, 7.7981

Details

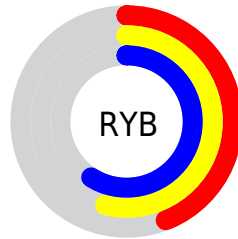
The XYZ color **21.4243, 26.7772, 24.8082** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.4279, 19.5194, 24.4164**, and the grayscale version is **23.3986, 24.6171, 26.8080**.

A 20% lighter version of the original color is **45.1406, 54.3497, 52.3673**, and **7.8964, 10.5270, 9.2051** is the 20% darker color. If you saturate the color by 10%, you get **19.1773, 25.6792, 22.0105**, and if you desaturate by 10%, it is **24.0322, 28.0578, 27.8455**.

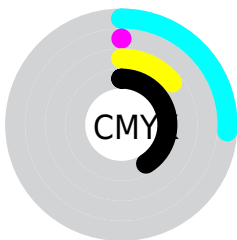
Distribution



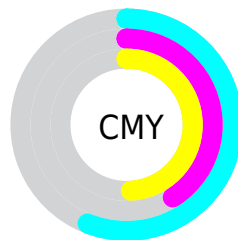
- Red (44%)
- Green (59%)
- Blue (51%)



- Red (44%)
- Yellow (54%)
- Blue (59%)



- Cyan (26%)
- Magenta (0%)
- Yellow (14%)
- Black (41%)



- Cyan (56%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4243, 26.7772, 24.8082 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 21.4243, 26.7772, 24.8082 by changing the saturation by 10% instead.

■ 21.4243, 26.7772,
24.8082

■ 21.4243, 26.7772,
24.8082

252.2142,
286.5767, 290.2984

■ 13.5487, 17.4060,
15.7165

■ 45.2786, 54.5261,
52.3062

■ 7.8871, 10.5244,
9.1716

■ 61.9880, 73.6726,
71.5495

■ 4.0740, 5.7480,
4.7549

■ 82.3728, 96.8463,
95.0138

■ 1.7441, 2.6924,
2.0480

■ 106.7983,
124.4316, 123.1176

■ 0.4836, 0.9734,
0.5846

135.6298,
156.8129, 156.2794

■ 0.0000, 0.0000,
0.0000

169.2327,

194.3746, 194.9178

207.9724,
237.5011, 239.4513

■ 21.4243, 26.7772,
24.8082

■ 21.4243, 26.7772,
24.8082

■ 19.1773, 25.6792,
22.0105

■ 24.0322, 28.0578,
27.8455

■ 17.2722, 24.7519,
19.4447

■ 27.0145, 29.5257,
31.1264

■ 15.6916, 23.9872,
17.1054

■ 30.3866, 31.1895,
34.6568

■ 14.4154, 23.3749,
14.9860

■ 34.1624, 33.0561,
38.4420

■ 13.4214, 22.9036,
13.0799

■ 38.3551, 35.1323,
42.4871

■ 12.6840, 22.5603,
11.3799

■ 42.9773, 37.4246,
46.7972

■ 12.1667, 22.3264,
9.8779

■ 48.0411, 39.9389,
51.3769

■ 11.9882, 22.2463,
9.3298

■ 53.5580, 42.6812,
56.2311

■ 59.5391, 45.6572,
61.3643

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.6699, 26.7772, 20.2011



21.4243, 26.7772, 24.8082



21.2203, 26.7772, 31.3386

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.4243, 26.7772, 24.8082



26.2021, 26.7772, 43.9957



29.1313, 26.7772, 21.6401

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.4243, 26.7772, 24.8082



22.4279, 19.5194, 24.4164

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.2095, 26.7772, 27.0768



21.4243, 26.7772, 24.8082



28.4505, 26.7772, 40.4290

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.4243, 26.7772, 24.8082



23.8838, 26.7772, 43.1365



29.9529, 26.7772, 33.9838



27.0852, 26.7772, 18.5784

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.4243, 26.7772, 24.8082



21.6890, 26.7772, 36.0349



29.9529, 26.7772, 33.9838



29.6245, 26.7772, 23.2132

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21.4250, 26.7783, 24.8088



46.4801, 51.5165, 53.6431



23.3627, 27.9035, 19.1937



10.1335, 11.3344, 11.7062



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.4250, 26.7783, 24.8088



35.5073, 46.1292, 40.9587



22.8120, 27.3331, 32.1125



5.8343, 6.5103, 6.7382



9.9582, 18.4561, 7.8213



0.1365, 0.2317, 0.1727

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



22.4279, 19.5194, 24.4164



37.5732, 31.1722, 40.1479



21.2407, 19.0445, 18.1647



5.9235, 5.8645, 6.7034



11.6727, 5.8741, 7.0235



0.1578, 0.0779, 0.1644

Previews

White Background



This preview shows how the XYZ color 21.4243, 26.7772, 24.8082 looks on a white background.

Color Contrast Check

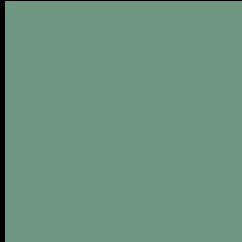
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.4243, 26.7772, 24.8082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

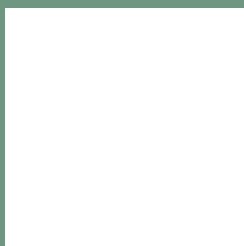
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4243, 26.7772, 24.8082

Background



This preview shows how black text looks on a background with the XYZ color 21.4243, 26.7772, 24.8082.



This preview shows how white text looks on a background with the XYZ color 21.4243, 26.7772,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

21.4243, 26.7772, 24.8082

Protanopia

25.1956, 26.7080, 22.8960

Deuteranopia

27.0696, 26.5434, 25.5265



Tritanopia

23.7866, 26.8083, 36.2686

Trichromacy



Original Color

21.4243, 26.7772, 24.8082

Protanomaly

23.5707, 26.5212, 23.6155

Deuteranomaly

24.6061, 26.3512, 25.2621

Tritanomaly

22.7704, 26.6189, 31.5416

Monochromacy



Original Color

21.4243, 26.7772, 24.8082

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.5109, 25.2552, 25.8786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4243, 26.7772, 24.8082 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(111, 150, 129)` looks like.

```
.text, #text, p{  
    color:rgb(111, 150, 129)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(111, 150, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 150, 129) }
```

Border

The CSS property to change the border of an element to XYZ 21.4243, 26.7772, 24.8082 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 150, 129) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(111, 150, 129) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(111, 150, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 150, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 150, 129);  
box-shadow:4px 4px 4px 4px rgb(111, 150,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4243, 26.7772, 24.8082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 150, 129) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(111,  
150, 129) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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